IN THE CLAIMS

Please amend the claims as follows:

49. (Amended)   A method of controlling a temperature of a
microprocessor, wherein the microprocessor performs the steps comprising:
[the steps of:]

    a)   generating a temperature signal within the microprocessor
indicative of the temperature of the microprocessor;

    b)   comparing the temperature signal with a first threshold
temperature level within the microprocessor;

    c)   generating an interrupt signal if the temperature signal indicates
that the first threshold temperature level has been exceeded; and

    d)   decreasing a microprocessor clock frequency in response to the
interrupt signal.

51. (Amended)   A method of controlling a temperature of a
microprocessor, wherein the microprocessor performs the steps comprising:
[the steps of:]

    a)   generating a temperature signal within the microprocessor
corresponding to the temperature of the microprocessor;

    b)   comparing the temperature signal with a first threshold
temperature level within the microprocessor;

    c)   generating an interrupt signal if the temperature signal indicates
that the first threshold temperature level has been exceeded; and

    d)   activating an active cooling device to decrease the
microprocessor temperature in response to the interrupt signal.